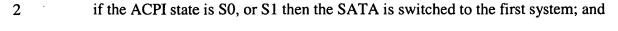
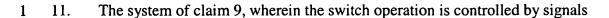
## **CLAIMS**

## What is claimed is:

- 1 1. A method comprising:
- 2 determining a first system Advanced Configuration and Power Interface
- 3 Specification (ACPI) state; and
- 4 switching a serial Advanced Technology Attachment (SATA) device based upon
- 5 the ACPI state.
- 1 2. The method according to claim 1, wherein the ACPI S state is selected from the
- 2 group consisting of S0, S1, S2, S3, S4, and S5.
- 1 3. The method according to claim 1, wherein the switching is between two devices.
- 1 4. The method according to claim 3, wherein the two devices are the first system
- 2 and a subsystem.
- 1 5. The method according to claim 4, wherein:
- 2 if the ACPI state is S0, S1, or S2 then the SATA is switched to the first system;
- 3 and
- 4 if the ACPI state is S3, S4, or S5 then the SATA is switched to the subsystem.
- 1 6. The method according to claim 4, wherein:



- if the ACPI state is S2, S3, S4, or S5 then the SATA is switched to the
- 4 subsystem.
- 1 7. A machine-readable medium having stored thereon instructions, which when
- 2 executed by a processor, causes said processor to perform the following:
- determine a first system Advanced Configuration and Power Interface
- 4 Specification (ACPI) state; and
- 5 switch a serial Advanced Technology Attachment (SATA) based upon the ACPI
- 6 state.
- 1 8. The machine-readable medium according to claim 7, wherein switching the
- 2 SATA is between a plurality of devices.
- 1 9. A system comprising:
- a serial Advanced Technology Attachment (SATA) device connected to a
- 3 switch;
- a first system to connect to the SATA device through the switch; and
- 5 a subsystem to connect to the SATA device through the switch;
- 1 10. The system of claim 9, wherein the switch connecting the SATA device does not
- 2 connect both the first system and the subsystem to the SATA device simultaneously.



- 2 from the first system.
- 1 12. An apparatus comprising:
- 2 means for determining a first system Advanced Configuration and Power
- 3 Interface Specification (ACPI) state; and
- 4 means for switching a serial Advanced Technology Attachment (SATA) based
- 5 upon the ACPI state.
- 1 13. The apparatus of claim 12, wherein means for switching further comprises a
- 2 mutually exclusive switching means to a plurality of destinations.
- 1 14. The apparatus of claim 12, wherein the ACPI state is selected from the group
- 2 consisting of S0, S1, S2, S3, S4, and S5.
- 1 15. The apparatus of claim 12, wherein the means for switching the SATA device
- 2 determined whether to switch based upon signals from the first system.